



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

PL

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/812,083	03/30/2004	Richard Parsons	071469-0306000	3006
909	7590	12/15/2005		EXAMINER
PILLSBURY WINTHROP SHAW PITTMAN, LLP				KIM, AHSHIK
P.O. BOX 10500			ART UNIT	PAPER NUMBER
MCLEAN, VA 22102				2876

DATE MAILED: 12/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	10/812,083	PARSONS, RICHARD
	Examiner Ahshik Kim	Art Unit 2876

— The MAILING DATE of this communication appears on the cover sheet with the correspondence address —
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 3/30/04 (initial filing of application).
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-10 is/are pending in the application.
 - 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-10 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 30 March 2004 is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date: _____
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>3/30/04</u> .	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____

DETAILED ACTION

Specification

1. Applicant(s) are reminded to include the following in the next communication with respect to the header(s) within the specification as following:
 - a) **-- Background of the Invention --**: The specification should set forth Background of the Invention in two parts: **--Field of the Invention --** and **-- Description of the Related Art --**.

Under **Description of the Related Art**, Applicant typically lists well-known arts in the filed and perhaps deficiencies or drawbacks the prior art.

- 10 b) **-- Summary of the Invention --**.

Under **Summary of the Invention**, Applicant describes, in overview manner, the claimed invention which would overcome deficiencies or drawbacks the prior art.

Appropriate correction is required.

15

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

20 (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-5, 9, and 10 are rejected under 35 U.S.C. 102(b) as being anticipated by Yamashita et al. (US 5,389,769, hereinafter “Yamashita”).

Re claims 1 and 9, Yamashita discloses a method of attaching an identification tag 30A and 30B to the part 10 of a semiconductor processing tool 1 (see figures 1A and 9; also see abstract). As shown in figure 1A, identification tag 30A is placed in a shallow cup/indent receiving the tag (col. 3, lines 65+).

5 Re claims 2 and 4, the tag is integrated to the cup with resin (col. 3, lines 65+).

Re claim 3, in another embodiment, the ID can be embodied with a barcode or other label type which can be attached and detached (col. 2, lines 13+).

Re claim 5, the ID chip communicates with a fixed station utilizing a radio frequency (col. 2, lines 47+; col. 3, lines 22-32; col. 4, lines 7+)

10 Re claim 10, the space created by container 10 is a processing chamber (col. 4, lines 1+).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

15 (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

20 5. Claims 6-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yamashita et al. (US 5,389,769).

Re claims 6-8, Yamashita does not use the term “coil”, however, as illustrated in figure 2, the ID tag 30A communicates with a fixed station 20. The fixed station is comprised of a modulating circuit 25, demodulating circuit 22 and signal transmitting and receiving antenna 21. As further shown in figure 8, the semiconductor processing facility has more than one processing

device since they are identifiable (otherwise, there's no need to identify) (col. 2, lines 31-46; col. 4, lines 25+)

Conclusion

5 I. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure: Lantz et al. (US 5,886,896); Ellis et al. (US 6,418,352) ; Elger (US 6,594,546) disclose semiconductor processing apparatus. Applicant is respectfully suggested to carefully review these references.

10 II. Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Ahshik Kim* whose telephone number is (571)272-2393. The examiner can normally be reached between the hours of 6:00AM to 3:00PM Monday thru Friday.

15 If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee, can be reached on (571)272-2398. The fax number directly to the Examiner is (571)273-2393. The fax phone number for this Group is (703)872-9306.

20 Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [ahshik.kim@uspto.gov].

25 *All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.*

30 Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished application is available for Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have any questions or access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

35 Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.



Ahshik Kim
Primary Examiner
Art Unit 2876
December 9, 2005